

Historical Floods: Potomac River at Point of Rocks, Maryland

Latitude: 39.274

Flood Stage: 16 ft

Period of Record: 1889-Present

Last Flood: 2/5/2016

Longitude: -77.543

Number of Floods: 116

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code					
6/2/1889	40.20	460,000	Major	C1 G1	5/14/1932	23.34	158,000	Moderate	none
10/1/1896	27.20	204,000	Major	C1 G1	4/21/1933	19.30	123,000	Minor	none
8/12/1898	18.00	127,000	Minor	C1 G1	12/2/1934	19.78	128,000	Minor	none
3/6/1899	18.10	128,000	Minor	C1 G1	2/28/1936	18.13	113,000	Minor	none
4/22/1901	22.00	161,000	Moderate	C1 G1	3/19/1936	41.03	480,000	Major	none
3/2/1902	29.00	219,000	Major	C1 G1	4/27/1937	33.86	310,000	Major	none
3/1/1903	16.60	110,000	Minor	C1 G3	10/30/1937	24.93	175,000	Moderate	none
3/15/1907	17.60	119,000	Minor	C1	2/5/1939	19.39	124,000	Minor	none
1/13/1908	21.60	152,000	Moderate	C1	5/24/1942	21.13	125,000	Moderate	none
6/18/1910	23.50	168,000	Moderate	C1	10/16/1942	40.43	418,000	Major	none
9/1/1911	16.10	106,000	Minor	C1	12/31/1942	20.47	126,000	Moderate	none
3/28/1913	20.00	139,000	Moderate	C1	9/20/1945	21.98	139,000	Moderate	none
6/4/1915	20.00	139,000	Moderate	C1	4/15/1948	16.04	87,000	Minor	none
3/29/1916	18.30	124,000	Minor	C1	6/20/1949	21.20	132,000	Moderate	none
3/13/1917	18.10	123,000	Minor	C1	12/5/1950	20.75	128,000	Moderate	none
4/16/1918	18.60	127,000	Minor	C1	12/9/1950	18.42	107,000	Minor	none
3/6/1920	16.40	109,000	Minor	C1	6/15/1951	17.52	99,000	Minor	none
5/13/1924	32.20	277,000	Major	C1	3/13/1952	17.12	95,800	Minor	none
5/2/1928	21.30	145,000	Moderate	C1	4/29/1952	20.67	127,000	Moderate	none
4/18/1929	24.94	180,000	Moderate	C1	11/23/1952	19.68	118,000	Minor	none
10/23/1929	17.40	110,000	Minor	C1	3/3/1954	18.65	109,000	Minor	none

Drainage Area: 9651 sq mi

Gage Datum: 199.92 ft MSL

Potomac Basin

County of Gage: Frederick

County of Forecast Point: Frederick

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10/17/1954	21.02	130,000	Moderate	none
8/20/1955	29.08	214,000	Major	none
4/1/1960	17.35	97,800	Minor	none
4/6/1960	18.25	105,000	Minor	none
5/10/1960	20.28	124,000	Moderate	none
2/21/1961	17.90	102,000	Minor	none
2/27/1961	16.60	91,800	Minor	none
3/23/1962	19.45	116,000	Minor	none
3/7/1963	17.60	99,800	Minor	none
3/21/1963	20.47	125,000	Moderate	none
3/6/1964	16.00	87,000	Minor	none
3/6/1965	17.35	97,800	Minor	none
3/8/1967	22.53	144,000	Moderate	none
4/3/1970	16.64	92,100	Minor	none
6/23/1972	37.43	347,000	Major	none
10/8/1972	18.28	106,000	Minor	none
4/29/1973	16.58	91,600	Minor	none
12/28/1973	21.27	132,000	Moderate	none
3/21/1975	26.15	181,000	Major	none
9/26/1975	24.35	126,000	Moderate	none
1/2/1976	18.71	109,000	Minor	none

10/11/1976	27.25	193,000	Major	none
1/28/1978	21.22	132,000	Moderate	none
3/16/1978	22.01	139,000	Moderate	none
3/28/1978	18.43	107,000	Minor	none
5/17/1978	17.67	100,000	Minor	none
1/25/1979	17.29	96,900	Minor	none
2/27/1979	25.94	178,000	Major	none
9/7/1979	16.19	87,800	Minor	none
6/15/1982	16.66	92,000	Minor	none
4/26/1983	19.21	115,000	Minor	none
2/16/1984	28.14	199,000	Major	none
3/30/1984	20.80	128,000	Moderate	none
4/6/1984	19.49	117,000	Minor	none
11/7/1985	36.28	309,000	Major	none
3/16/1986	19.35	116,000	Minor	none
4/18/1987	23.49	153,000	Moderate	none
5/20/1988	17.01	96,100	Minor	none
4/23/1992	16.25	90,000	Minor	none
3/6/1993	24.94	167,000	Moderate	none
3/25/1993	18.12	105,000	Minor	none
4/3/1993	18.19	106,000	Minor	none

Drainage Area: 9651 sq mi

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4/18/1993	20.17	123,000	Moderate	none
11/29/1993	19.25	115,000	Minor	none
2/25/1994	16.03	88,200	Minor	none
3/11/1994	17.78	102,000	Minor	none
3/30/1994	19.00	113,000	Minor	none
1/21/1996	36.34	310,000	Major	none
1/28/1996	16.53	92,200	Minor	none
3/21/1996	16.60	92,800	Minor	none
9/8/1996	36.26	309,000	Major	none
11/9/1997	17.37	99,100	Minor	none
1/10/1998	20.07	122,000	Moderate	none
2/6/1998	17.99	104,000	Minor	none
2/19/1998	18.23	106,000	Minor	none
3/22/1998	20.24	123,000	Moderate	none
1/3/2003	16.25	89,970	Minor	none
2/24/2003	16.50	91,990	Minor	none
3/22/2003	16.85	94,820	Minor	none
9/21/2003	23.12	150,000	Moderate	none
12/12/2003	19.58	18,000	Minor	none
9/30/2004	17.25	98,100	Minor	none
3/30/2005	19.37	116,000	Minor	none

4/17/2007	17.00	96,000	Minor	none
5/13/2008	16.99	96,000	Minor	none
5/6/2009	17.50	100,000	Minor	none
1/26/2010	21.42	134,000	Moderate	none
3/15/2010	25.52	172,000	Major	none
3/12/2011	19.92	121,000	Minor	none
4/18/2011	22.52	144,000	Moderate	none
5/19/2011	22.15	141,000	Moderate	none
10/31/2012	18.19	106,000	Minor	none
5/17/2014	22.62	14,500	Moderate	none
2/5/2016	16.00	88,000	Minor	none

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-9999 signifies missing data

MARFC Codes

Code	Description
C1	Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
C2	Crest information looks reliable despite potential problems. This data was used in frequency calculations.
C3	Crest height estimated by the USGS.
C4	Crest height is from the National Weather Service.
C5	Crest height affected by backwater.
C6	Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
C7	Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
C8	Crest date (day) in the month is unknown.
C9	Flow is an estimate.
F1	Flow affected by regulation or diversion and in some cases to an unknown degree.
F2	Flow effected by snow-melt, ice jam or debris jam break up.
F3	Flow affected by dam failure.
F4	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
F5	Gage height at a different site and/or datum.
G1	Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
G2	Gage datum changed during this year.

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